



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## Precrash Event Related Data Factors

### 1 Pre-event movement

1372

#### Fill a single item

- 1 Going straight
- 2 Decelerating in traffic lane
- 3 Accelerating in traffic lane
- 4 Starting in traffic lane
- 5 Stopped in traffic lane
- 6 Passing or overtaking another vehicle
- 7 Disabled or parked in travel lane
- 8 Leaving a parking position
- 9 Entering a parking position
- 10 Turning right
- 11 Turning left
- 12 Making a U-turn
- 13 Backing up (other than for parking position)
- 14 Negotiating a curve
- 15 Changing lanes
- 16 Merging
- 17 Successful avoidance maneuver to a previous critical event
- 18 Other (specify) :
- 8888 No driver present
- 9999 Unknown



# Pre-crash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## 2 Critical pre-crash event

2846

### Fill a single item

#### This Veh. Control Loss Due To:

- 1 Blow out/flat tire, (specify) :
- 2 Stalled engine
- 3 Disabling vehicle failure (e.g, wheel fell off) (specify) :
- 4 Non-disabling vehicle problem (e.g., hood flew up) (specify) :
- 5 Poor road conditions (puddle,pot hole,ice,etc.) (specify) :
- 6 Traveling too fast for conditions
- 7 Jackknife Event
- 8 Cargo Shift
- 9 Other cause of control loss (specify) :
- 19 Unknown cause of control loss

#### This Vehicle Traveling

- 20 Over the lane line on left side of travel lane
- 21 Over the lane line on right side of travel lane
- 22 Off the edge of the road on the left side
- 23 Off the edge of the road on the right side
- 24 End departure
- 25 Turning left at intersection
- 26 Turning right at intersection
- 27 Crossing over (passing through) intersection
- 28 This vehicle decelerating
- 29 Unknown travel direction

#### Other Motor Vehicle in Lane

- 50 Other vehicle stopped
- 51 Traveling in same direction with lower steady speed
- 52 Traveling in same direction while decelerating
- 53 Traveling in same direction with higher speed
- 54 Traveling in opposite direction
- 55 In crossover
- 56 Backing
- 59 Unknown travel direction of other motor vehicle in lane

#### Other Vehicle Encroachment

- 60 From adjacent lane (same direction) - over left lane line
- 61 From adjacent lane (same direction) - over right lane line
- 62 From opposite direction - over left lane line

- 63 From opposite direction - over right lane line
- 64 From parking lane
- 65 From crossing street, turning into same direction
- 66 From crossing street, across path
- 67 From crossing street, turning into opposite direction
- 68 From crossing street, intended path not known
- 69 From driveway, turning into same direction
- 70 From driveway, across path
- 71 From driveway, turning into oppsite direction
- 72 From driveway, intended path not known
- 73 From entrance to limited access highway
- 79 Encroachment by other vehicle - details unknown

#### Pedestrian, Pedalcyclist

- 80 Pedestrian in roadway
- 81 Pedestrian approaching roadway
- 82 Pedestrian - unknown location
- 83 Pedalcyclist or other nonmotorist in roadway (specify) :
- 84 Pedalcyclist or other nonmotorist approaching roadway (specify) :
- 85 Pedalcyclist or other nonmotorist - unknown location (specify) :

#### Object or Animal

- 87 Animal in roadway
- 88 Animal approaching roadway
- 89 Animal - unknown location
- 90 Object in roadway
- 91 Object approaching roadway
- 92 Object - unknown location

#### Other

- 93 Other (specify) :
- 94 Not involved first harmful event
- 8888 No driver present
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

### 3 Critical reason for critical pre-crash event

2847

#### Fill a single item

- 1 Critical reason not coded to this vehicle

#### Driver Related Factor

##### Critical non-performance err

- 100 Sleeping, that is, actually asleep
- 101 Heart attack or other physical impairment of the ability to act
- 102 Other critical non-performance (specify) :
- 109 Unknown critical non-performance

##### Recognition Error

- 110 Inattention (i.e., daydreaming)
- 111 Internal distraction
- 112 External distraction
- 113 Inadequate surveillance (e.g., failed to look, looked but did not see)
- 114 Other recognition error (specify) :
- 119 Unknown recognition error

##### Decision Errors

- 120 Too fast for conditions (specify) :
- 121 Too fast to be able to respond to unexpected actions of others (specify) :
- 122 Too fast for curve/turn
- 123 Too slow for traffic stream
- 124 Misjudgment of gap or other's speed
- 125 Following too closely to respond to unexpected actions
- 126 False assumption of other's actions
- 127 Illegal maneuver
- 128 Failure to turn on headlamps
- 129 Inadequate evasive action, e.g. braking only, not braking and steering
- 130 Incorrect evasive action
- 131 Aggressive driving behavior
- 132 Other decision error (specify) :
- 139 Unknown decision error

##### Performance Errors

- 141 Panic/freezing
- 142 Overcompensation
- 143 Poor directional control (e.g., failing to control vehicle with skill ordinarily expected)
- 144 Other performance error (specify):
- 149 Unknown performance error

##### Unknown Driver Error

- 199 Type of driver error unknown

#### Vehicle Related Factor

- 203 Other tire degradation

#### Vehicle Related Factor

- 200 Brakes failed
- 201 Degraded braking capability
- 202 Tires/wheels failed
- 204 Steering failed
- 205 Suspension failed
- 206 Transmission/engine failure
- 207 Lights failed
- 208 Vehicle related vision obstructions
- 209 Body, doors, hood failed
- 210 Cargo shifted
- 211 Trailer attachment failed
- 212 Jackknifed
- 213 Other vehicle failure (specify) :
- 299 Unknown vehicle failures

#### Environment Related Factor

##### Highway Related

- 500 Signs/signals missing
- 501 Signs/signals erroneous/defective
- 502 Signs/signals inadequate
- 503 View obstructed by roadway design/furniture
- 504 View obstructed by other vehicles
- 505 Road design - roadway geometry (e.g., ramp curvature)
- 506 Road design - sight distance
- 507 Road design - other
- 508 Maintenance problems (potholes, etc.)
- 509 Slick roads (low friction road surface due to ice, loose debris, any other cause)
- 510 Other highway-related condition (specify):

##### Weather Related

- 520 Rain, snow
- 521 Fog
- 522 Wind gust
- 523 Other weather-related condition (specify) :
- 525 Glare
- 526 Blowing debris
- 527 Other sudden ambience change (specify):
- 8888 No driver present
- 9999 Unknown reason for critical event



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

#### 4 Attempted avoidance maneuvers

2010

**Fill all that apply**

- 1 None
- 2 Full ABS application
- 3 Braking without lock-up
- 4 Braking with lock-up
- 5 Braking (lock-up unknown)
- 6 Releasing brakes
- 7 Steering left
- 8 Steering right
- 9 Accelerating
- 10 Other (specify) :
- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

#### 5 Pre-impact stability of vehicle

1381

**Fill a single item**

- 1 Tracking/stationary
- 2 Skidding longitudinally->rotation less than 30 degrees
- 3 Skidding laterally->clockwise rotation
- 4 Skidding laterally->counterclockwise rotation
- 5 Other control loss (specify) :
- 8888 No driver present
- 9999 Pre-crash stability unknown

#### 6 Pre-impact location on trafficway

1382

**Fill a single item**

- 1 Stayed in original travel lane
- 2 Stayed on roadway but left original travel lane
- 3 Stayed on roadway, not known if left original travel lane
- 4 Departed roadway
- 5 Remained off roadway
- 6 Returned to roadway
- 7 Entered roadway
- 8888 No driver present
- 9999 Unknown

#### 7 Pre-first harmful event maneuver sequence

1182

**Select and Sequence all that apply** \_\_\_\_\_

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1 No pre-first harmful event maneuver sequence</li> <li>2 Lane departure- left side</li> <li>3 Lane return- left side</li> <li>4 Lane departure- right side</li> <li>5 Lane return- right side</li> <li>6 Road departure- left side</li> <li>7 Road return- left side</li> </ul> | <ul style="list-style-type: none"> <li>8 Road departure- right side</li> <li>9 Road return- right side</li> <li>10 Non-contact power unit jackknife</li> <li>11 Non-contact trailer swing</li> <li>12 Other (specify) :</li> <li>8888 No driver present</li> <li>9999 Unknown</li> </ul> |
|---|--|



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

**8 First harmful event crash type** 1379  
*Select from appendix list* \_\_\_\_\_

**9 Did this vehicle have right of way** 1383  
*Fill a single item*

- 1 No
- 2 Yes
- 8888 No driver present
- 9997 Not Applicable
- 9999 Unknown

**10 Vehicle maneuver during pre-crash cargo shift** 2056  
*Fill all that apply*

- 1 No cargo
- 2 No cargo shift
- 3 Traversing curve
- 4 Completing turn
- 5 Traversing straight section
- 6 Completing avoidance maneuver
- 7 Driving at constant velocity
- 8 Accelerating
- 9 Decelerating using throttle input only
- 10 Decelerating using light braking
- 11 Decelerating using moderate braking
- 12 Decelerating using heavy braking
- 13 Other (specify) :
- 8888 No driver present
- 9999 Unknown

**11 Pre-crash cargo spillage** 3228  
*Fill a single item*

- 1 No cargo
- 2 No precrash cargo spillage
- 3 Yes (specify) :
- 8888 No driver present
- 9999 Unknown

**12 Vehicle location at start of pre-crash cargo shift** 2044  
*Fill a single item*

- 1 No cargo
- 2 No cargo shift
- 3 On roadway
- 4 On shoulder
- 5 On roadside
- 6 On median
- 8888 No driver present
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

### Critical Reason for Critical Event Factors

#### Driver Condition Support Data

**13 Time driving this portion of trip (1/2 hr increments) 2272**

*Fill a single item*

- 1 < half hour
- 2 30-59 minutes
- 3 60-89 minutes
- 4 90-119 minutes
- 5 2 to < 2 1/2 hours
- 6 2 1/2 to <3 hours
- 7 3 to <3 1/2 hours
- 8 3 1/2 to <4 hours
- 9 => 4 hours
- 8888 No driver present
- 9999 Unknown

**14 Sleep start prior to crash 2240**

*Enter Date & Time* \_\_\_\_/\_\_\_\_/\_\_\_\_ : \_\_\_\_

- 8888 No driver present
- 9999 Unknown

**15 End of last sleep 2241**

*Enter Date & Time* \_\_\_\_/\_\_\_\_/\_\_\_\_ : \_\_\_\_

- 8888 No driver present
- 9999 Unknown

**16 Duration of last sleep 2239**

*Enter duration in hours : minutes* \_\_\_\_ : \_\_\_\_

- 8888 No driver present
- 9999 Unknown

**17 Sleep in last 24 hours 2243**

*Enter duration in hours : minutes* \_\_\_\_ : \_\_\_\_

- 8888 No Driver Present
- 9999 Unknown

**18 Time since last sleep 2242**

*Enter duration in hours : minutes* \_\_\_\_ : \_\_\_\_

- 8888 No driver present
- 9999 Unknown

**19 What is your normal average daily sleep interval? 2266**

*Enter duration in hours : minutes* \_\_\_\_ : \_\_\_\_

- 8888 No driver present
- 9999 Unknown

**20 Did you change your sleep or work hours during the last seven days? 2248**

*Fill a single item*

- 1 No
- 2 Yes
- 8888 No driver present



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

**21 Longest period (hours:mins) worked during the seven-day interval preceding crash.** 2255

*Enter duration in hours : minutes* \_\_\_\_\_ : \_\_\_\_\_

- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

**22 Shortest hourly period worked during the seven-day interval preceding crash.** 2256

*Enter duration in hours : minutes* \_\_\_\_\_ : \_\_\_\_\_

- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

**23 Average number of hours worked during the seven-day interval preceding crash.** 2257

*Enter duration in hours : minutes* \_\_\_\_\_ : \_\_\_\_\_

- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

**24 Total Hours Worked In Seven Days** 2259

*Enter Hours* \_\_\_\_\_

- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

**25 Driver fatigue** 3294

*Fill a single item*

- 1 Driver fatigued
- 2 Driver not fatigued
- 8888 No driver present
- 9999 Unknown

**Driver Physical Factors**

**26 Police reported alcohol presence** 890

*Fill a single item*

- 1 No alcohol present
- 2 Yes - alcohol present
- 3 Not reported
- 8888 No driver present
- 9999 Unknown

**27 BAC Test Result** 908

*Enter a value* \_\_\_\_\_

- 8888 No driver present
- 9996 No test performed
- 9997 BAC test performed, results unknown
- 9999 Unknown

**28 BAC Test Source Official Records** 921

*Fill a single item*

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><input type="radio"/> 1 No BAC test</li> <li><input type="radio"/> 2 Medical Record</li> <li><input type="radio"/> 3 Police Reported</li> <li><input type="radio"/> 4 Other (specify) :</li> </ul> | <ul style="list-style-type: none"> <li><input type="radio"/> 8888 No driver present</li> <li><input type="radio"/> 9996 No test performed</li> <li><input type="radio"/> 9997 Not applicable</li> <li><input type="radio"/> 9999 Unknown</li> </ul> |
|---|---|



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

**29 Time delay between crash and alcohol test** 3257

*Enter Hours* \_\_\_\_\_

- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

**30 Drug presence from all (any) sources** 4037

*Fill a single item*

- 1 No
- 2 Yes
- 8888 No driver present
- 9999 Unknown

**31 Name(s) of drug(s) present in driver** 4042

*Select from appendix list* \_\_\_\_\_

**32 Illness** 3299

*Fill a single item*

- 1 No
- 2 Yes
- 8888 No driver present
- 9999 Unknown

**33 Other physical factors** 3321

*Fill all that apply*

- 1 No other physical factors
- 2 Hearing impairment
- 3 Vision Impairment
- 4 Prosthesis (specify) :
- 5 Paraplegia
- 6 Strenuous recreational activities
- 7 Strenuous non-work activities
- 8 Sleep apnea
- 9 Quadriplegia
- 10 Other
- 8888 No driver present
- 9999 Unknown

**34 Hearing impairment** 677

*Fill a single item*

- 1 No
- 2 Yes - wears hearing aid
- 3 Yes - does not wear hearing aid
- 8888 No driver present
- 9999 Unknown

**35 Hearing aid worn?** 3083

*Fill a single item*

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><input type="radio"/> 1 No</li> <li><input type="radio"/> 2 Yes</li> <li><input type="radio"/> 8888 No driver present</li> </ul> | <ul style="list-style-type: none"> <li><input type="radio"/> 9997 Not applicable</li> <li><input type="radio"/> 9999 Unknown</li> </ul> |
|---|---|



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## Driver Recognition Factors

### 36 Driver inattention

763

#### *Fill a single item*

- 1 Not thinking about concerns
- 2 Personal problem
- 3 Family problem
- 4 Financial problem
- 5 Preceding argument
- 6 Future event (e.g. vacation, wedding, etc.)
- 7 Thinking about concerns, thought focus unknown
- 8 Other (specify) :
- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

### 37 Was the driver conversing with someone?

3332

#### *Fill a single item*

- 6 Yes
- 7 No
- 8888 No driver present
- 9999 Unknown

### 38 Relationship of other conversing person to driver

1162

#### *Fill a single item*

- 1 Business
- 2 Social (friend)
- 3 Boy/girlfriend
- 4 Husband/wife
- 5 Parent/child
- 6 No relationship/stranger
- 7 Other (specify) :
- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

### 39 Nature of discussion

1173

#### *Fill a single item*

- 1 Business
- 2 Social
- 3 Family matter
- 4 Argument
- 5 Disciplinary
- 6 Other (specify) :
- 8888 No driver present
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## 40 Other non-driving activities

3343

### Fill all that apply

- 1 No non-driving activities
- 2 Looking at movement/actions of other occupants
- 3 Dialing/hanging up phone
- 4 Adjusting radio/CD player
- 5 Adjusting other vehicle controls
- 6 Retrieving object from floor and/or seat
- 7 Retrieving object from other location
- 8 Other (specify):
- 8888 No driver present
- 9999 Unknown

## 41 Exterior factors

3355

### Fill all that apply

- 1 No exterior factors
- 2 Looking at previous crash
- 3 Looking at approaching traffic
- 4 Looking for street address
- 5 Looking at outside person
- 6 Looking at building
- 7 Unspecified outside focus
- 8 Other (specify) :
- 8888 No driver present
- 9999 Unknown

## 42 Location of exterior factors with respect to driver

3366

### Fill all that apply

- 1 No exterior factors
- 2 Forward
- 3 Forward, left
- 4 Forward, right
- 5 Left
- 6 Right
- 7 Rearward
- 8 Other (specify) :
- 8888 No driver present
- 9999 Unknown

## 43 If exterior source was located rearward of the driver, how did the driver track it?

3377

### Fill a single item

- 1 Turned head
- 2 Used rearview mirror
- 3 Used side mirror
- 4 Other (specify) :
- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

#### 44 Inadequate surveillance

3384

***Fill a single item***

- 1 No inadequate surveillance factors
- 2 Failed to look far enough ahead
- 3 Failed to look either side ahead
- 4 Failed to look to side
- 5 Failed to look to rear (mirrors)
- 6 Failed to look-other (specify) :
- 7 Looked, but did not see
- 8 Other (specify) :
- 8888 No driver present
- 9999 Unknown

#### 45 Other recognition factors

3395

***Fill a single item***

- 1 No other recognition factors
- 2 Impending problem masked by traffic flow pattern
- 3 Driver focused on extraneous vehicle
- 4 Other recognition error (specify) :
- 8888 No driver present
- 9999 Unknown

**Driver Decision Factors**

#### 46 Traveling too fast for conditions

3402

***Fill a single item***

- 1 No traveling too fast for conditions factors
- 2 Keeping up with traffic
- 3 Did not realize that caution was required
- 4 Too fast, reason unknown
- 5 Other (specify) :
- 8888 No driver present
- 9999 Unknown

#### 47 Following too closely

3409

***Fill a single item***

- 1 No following too closely factors.
- 2 Rush hour, heavy traffic.
- 3 Keeping up with traffic.
- 4 Did not realize he/she was too close to forward vehicle.
- 5 Always drive at this gap distance.
- 6 Other (specify) :
- 8888 No driver present
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

**48 Misjudgment of gap distance to other vehicle or speed of other vehicle**

3417

**Fill a single item**

- 1 No misjudgment factors
- 2 Misjudgment of gap distance
- 3 Misjudgment of velocity of other vehicle
- 4 Misjudgment of both factors
- 5 Other (specify) :
- 8888 No driver present
- 9999 Unknown

**49 Misjudged vehicle approaching from this driver's:**

3424

**Fill a single item**

- 1 No misjudgment factors
- 2 Left
- 3 Right
- 4 Forward direction (170-190 deg opposed)
- 5 Left forward direction (120 - 169 deg opposed)
- 6 Right forward direction (191 - 240 deg opposed)
- 7 Rear
- 8888 No driver present
- 9999 Unknown

**50 False assumption of other road user's actions**

3434

**Fill a single item**

- 1 No false assumption factors
- 2 Assumed that other driver would merge without stopping
- 3 Assumed that other driver would turn without stopping
- 4 Assumed that other driver would continue to proceed
- 5 Assumed that other driver would yield right-of-way
- 6 Other false assumption (specify) :
- 8888 No driver present
- 9999 Unknown

**51 Illegal maneuver**

3443

**Fill all that apply**

- 1 No illegal maneuver factors  9999 Unknown
- 2 Crossed full barrier lines while passing
- 3 Passed on right (drive off pavement to pass)
- 4 Turned from wrong lane
- 5 Initiated illegal U-turn
- 6 Failed to stop for TCD
- 7 Drove wrong way on one-way road
- 8 Other illegal maneuver (specify) :
- 8888 No driver present



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## 52 Driver's aggressive acts

1819

### Fill all that apply

- 1 No aggressive driving behaviors
- 2 Speeding
- 3 Tailgating
- 4 Rapid/frequent lane changes/weaving
- 5 Ignoring traffic control devices (eg. stopping, then running red light)
- 6 Accelerating rapidly from stop (e.g. squealing tires, etc.)
- 7 Stopping suddenly (i.e. hard braking)
- 8 Honking horn
- 9 Flashing lights
- 10 Obscene gestures
- 11 Obstructing the paths of others
- 12 Other (specify) :
- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

## 53 Reasons for aggressive driving behavior

3466

### Fill all that apply

- 1 No aggressive driving behaviors
- 2 Anger
- 3 Frustration
- 4 Always drive this way
- 5 Other (specify) :
- 8888 No driver present
- 9997 Not applicable
- 9999 Unknown

## 54 Inadequate/Incorrect Evasive Action

3454

### Fill a single item

- 1 No inadequate evasive action factors
- 2 Insufficient steering inputs
- 3 Insufficient braking inputs
- 4 Combination of insufficient steering and braking inputs
- 5 Chose inappropriate/unsuccessful evasive action
- 6 Other insufficient evasive action (specify) :
- 8888 No driver present
- 9999 Unknown

## 55 Other decision factors

3474

### Fill a single item

- 1 No other decision factors
- 2 Crossed with obstructed view
- 3 Turned with obstructed view
- 4 Stopped when not required
- 5 Proceeded with insufficient clearance
- 6 Turned without signaling
- 7 Other decision error (specify) :
- 8888 No driver present
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

### Driver Performance Factors

#### 56 Performance errors

6104

##### *Fill all that apply*

- 1 No performance errors
- 2 Panic/freezing
- 3 Overcompensation
- 4 Poor directional control (e.g. failure to control vehicle with skill ordinarily expected)
- 5 Other (specify) :
- 8888 No driver present
- 9999 Unknown

### Driver Emotional Factors

#### 57 Was the driver upset prior to crash

3484

##### *Fill a single item*

- 1 No
- 2 Yes
- 8888 No driver present
- 9999 Unknown

#### 58 Did the driver experience work-related stress/pressure

3734

##### *Fill a single item*

- 1 No employer relation factors
- 2 Required to work extended work shifts
- 3 Required to work rotating shift schedule
- 4 Required to fill in for other workers
- 5 Learning new position
- 6 Tight/unrealistic production/delivery schedule
- 7 Adversarial work relationship (management)
- 8 Adversarial work relationship (fellow workers)
- 9 Other (specify) :
- 8888 No driver present
- 9999 Unknown

#### 59 Was driver in a hurry

1749

##### *Fill a single item*

- 1 Not in a hurry
- 4 Due to work related delivery schedule
- 3 Late for business appointment
- 5 Late for social appointment
- 2 Late for start of work shift/start of school classes
- 6 Normal driving pattern
- 7 Other (specify) :
- 8888 No driver present
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

**60 Other emotional factors**

3543

***Fill a single item***

- 1 Yes
- 2 No
- 8888 No driver present
- 9999 Unknown

**Driver Experience Factors**

**61 Recent experience driving this vehicle**

1130

***Fill a single item***

- 1 More than 10 times in the past three months
- 2 6-10 times in the last three months
- 3 2-5 times in the last three months
- 4 Less than 2 times in the past three months
- 5 First time driving this vehicle
- 8888 No driver present
- 9999 Unknown

**62 Frequency of driving road**

1112

***Fill a single item***

- 1 Daily
- 2 Weekly
- 3 Several times a month
- 4 Monthly
- 5 Rarely
- 6 First time on road
- 7 Other (specify) :
- 8888 No driver present
- 9999 Unknown

**63 Other driver related experience factors**

3527

***Fill all that apply***

- 1 No other factor types
- 2 Uncomfortable with surrounding traffic densities
- 3 Uncomfortable with general traffic speeds
- 4 Uncomfortable with general traffic flow (specify) :
- 5 Uncomfortable with some aspect of vehicle/load (specify) :
- 6 Inexperienced driver
- 7 Other (specify) :
- 8888 No driver present
- 9999 Unknown

**Vehicle Related Factors**



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # _____ Sample Year/ Case Number 2005 / _____	Vehicle Number _____
--	----------------------

## 64 Vehicle condition related factors

3558

### *Fill all that apply*

- 1 No vehicle related factors
- 2 View obstruction - related to load
- 3 View obstruction - related to vehicle design
- 4 View obstruction - related to other
- 5 Tire/wheel deficiency
- 6 Braking system deficiency
- 7 Engine deficiency
- 8 Transmission deficiency
- 9 Suspension deficiency
- 10 Lighting deficiency
- 11 Steering deficiency
- 8888 No driver present
- 9999 Unknown

### Highway Related Factors

## 65 Traffic flow interruption factors

3537

### *Fill all that apply*

- 1 No traffic flow factors
- 2 Previous crash nearby
- 3 Construction work zone
- 4 Emergency vehicle approaching
- 5 Rush hour congestion
- 6 Other (specify) :
- 9999 Unknown

## 66 Roadway related factors

3569

### *Fill all that apply*

- 1 No roadway related factors
- 2 Traffic signs/signal missing
- 3 Roadway view obstructions including factors or devices like signal boxes
- 4 View obstructed by other vehicle
- 5 Roadway geometry (crossover)
- 6 Roadway geometry (curve)
- 8 Lane delineation problem (not present, worn, etc.)
- 9 Narrow shoulders
- 9 Narrow road
- 10 Ramp speed
- 11 Roadway condition (potholes, deteriorated road edges, etc.)
- 12 Wet Roads
- 13 Road under water
- 14 Slick surface (low friction value due to icy condition, loose debris, or any other cause)
- 15 Road washed out
- 16 Other roadway problem (specify) :
- 8888 No driver present
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## 67 Sight line restrictions

388

### *Fill a single item*

- 1 No sight restrictions
- 2 Vehicle
- 3 Building
- 4 Shrubbery
- 9999 Unknown

### Weather Related Factors

## 68 Atmospheric condition

172

### *Fill all that apply*

- 1 Clear--No adverse conditions
- 2 Cloudy
- 3 Snow
- 4 Fog, Smog, Smoke
- 5 Rain
- 6 Sleet, Hail (Freezing drizzle or rain)
- 7 Blowing Snow
- 8 Severe crosswinds
- 9 Other (specify) :
- 8888 No driver present
- 9999 Unknown

## 69 Other environmental crash factors

3588

### *Fill all that apply*

- 1 No other factors
- 2 Sun glare
- 3 Headlight glare
- 4 Blowing debris
- 5 Smoke
- 6 Other sudden change in ambient conditions
- 8888 No driver present
- 9999 Unknown



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

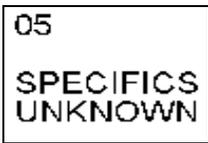
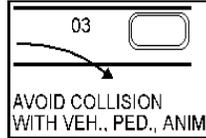
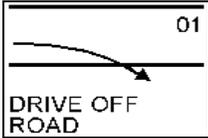
Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

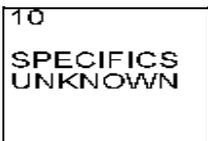
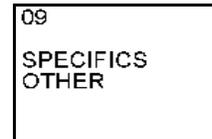
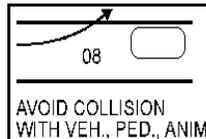
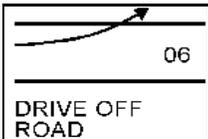
## Crash Types

### Single Driver

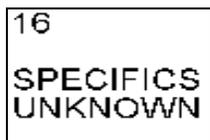
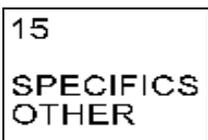
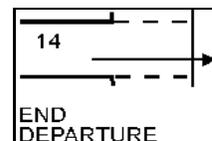
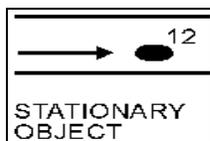
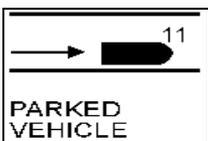
#### Right Roadside Departure



#### Left Roadside Departure



#### Forward Impact





# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

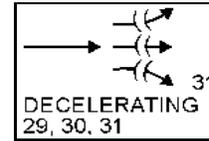
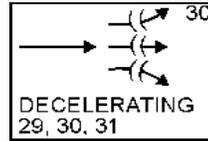
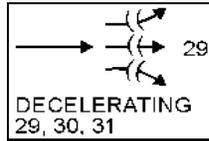
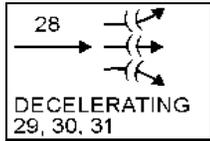
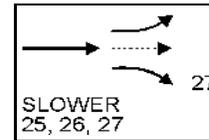
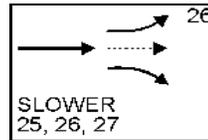
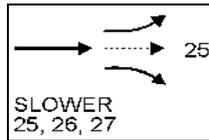
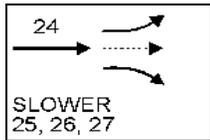
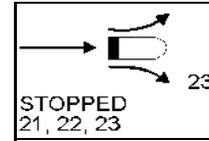
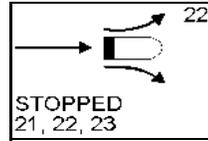
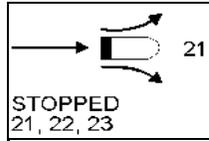
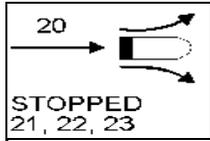
Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## Same Trafficway Same Direction

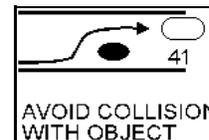
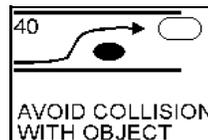
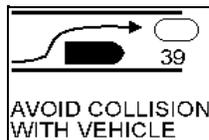
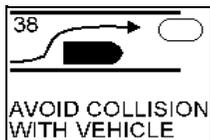
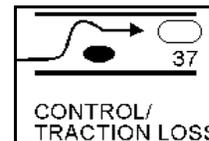
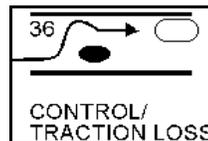
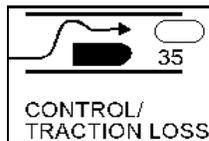
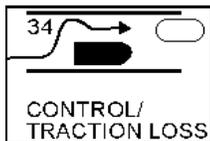
### Rear-End



(EACH - 32)  
SPECIFICS  
OTHER

(EACH - 33)  
SPECIFICS  
UNKNOWN

### Forward Impact



(EACH - 42)  
SPECIFICS  
OTHER

(EACH - 43)  
SPECIFICS  
UNKNOWN



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

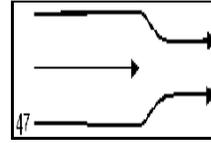
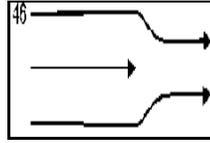
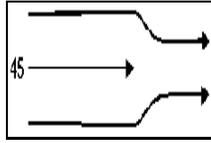
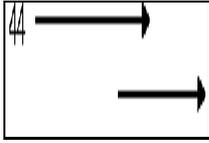
Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## Same Trafficway Same Direction

### Sideswipe/Angle



(EACH - 48)  
SPECIFICS  
OTHER

(EACH - 49)  
SPECIFICS  
UNKNOWN



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

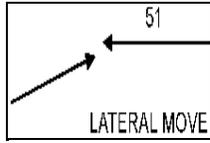
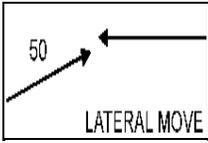
Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## Same Trafficway Opposite Directions

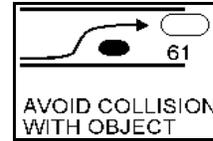
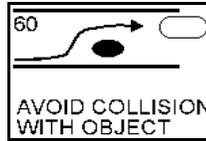
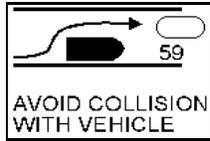
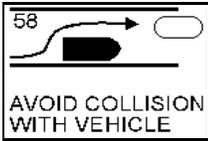
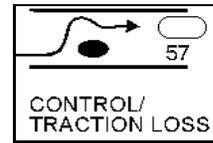
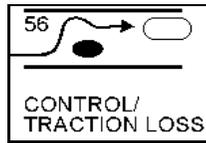
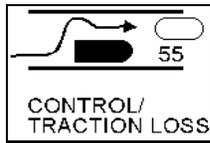
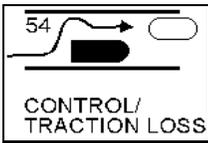
### Head-On



(EACH - 52)  
SPECIFICS  
OTHER

(EACH - 53)  
SPECIFICS  
UNKNOWN

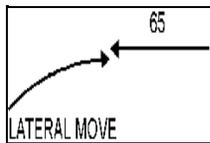
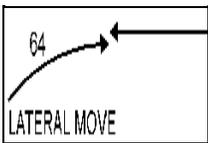
### Forward Impact



(EACH - 62)  
SPECIFICS  
OTHER

(EACH - 63)  
SPECIFICS  
UNKNOWN

### Sideswipe/Angle



(EACH - 66)  
SPECIFICS  
OTHER

(EACH - 67)  
SPECIFICS  
UNKNOWN



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

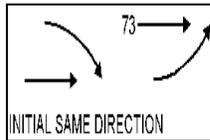
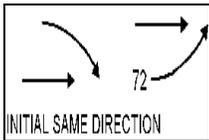
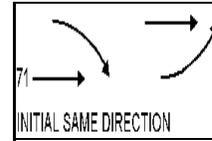
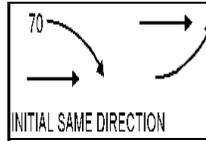
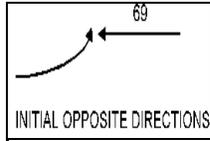
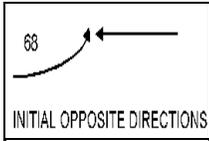
Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## Change Trafficway Vehicle Turning

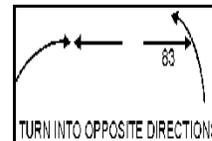
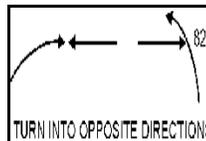
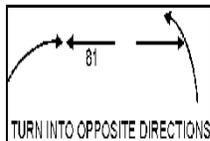
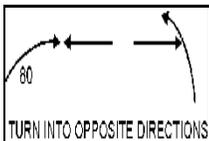
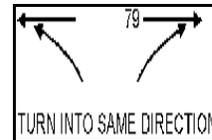
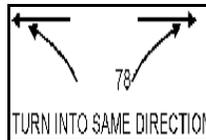
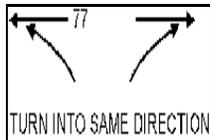
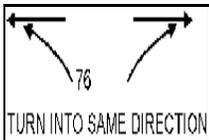
### Turn Across Path



(EACH - 74)  
SPECIFICS  
OTHER

(EACH - 75)  
SPECIFICS  
UNKNOWN

### Turn Into Path



(EACH - 84)  
SPECIFICS  
OTHER

(EACH - 85)  
SPECIFICS  
UNKNOWN



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

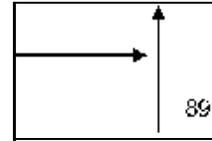
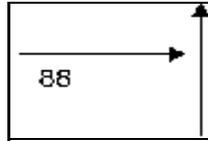
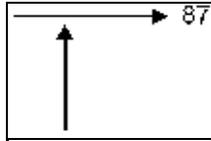
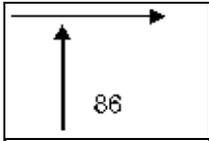
Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

## Intersecting Paths (Vehicle Damage)

### Straight Paths

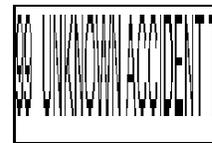
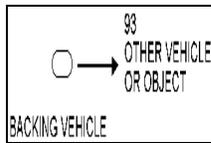
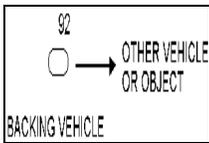


(EACH - 90)  
SPECIFICS  
OTHER

(EACH - 91)  
SPECIFICS  
UNKNOWN

## Miscellaneous

### Miscellaneous





# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

<u>DESCRIPTION</u>	<u>CODE</u>
Accolate	278
Accupril	137
Accupril-BP	2
Acetaminophen/ Codeine	130
Aciphex	320
Actifed	410
Actos	321
Acyclovir	322
Adalat CC	161
Adderall	221
Advair	444
Advil	47
Advil cold medicine	48
Albuterol	3
Albuterol (Liquid)	323
Albuterol Aerosol	316
Albuterol Neb Soln	317
Alesse	233
Alesse 28	318
Aleve	412
Allegra	271
Allegra-D	4
Allopurinol	266
Alphagan	259
Alprazolam	135
Altace	263
Amaryl	209
Ambien	133
Amitriptyline	174
Amoxicillin	102
Amoxil	126
Amphetamine	66
Antacid, Not specified	427
Antibiotic, not specified	431
Aricept	249
Arthrotec	255
Aspirin	433
Aspirin (salicylate)	409
Asprin - all brands	49
Asthma Inhaler, not specified	430
Atenolol	131
Ativan	445
Atrovent	186
Atrovent Inh	319
Augmentin	103
Avandia	390
Avapro	237
Axid	245
Azmacort	225
Azolphazine	5
Bactrim	395
Bactroban	215
Barbiturates - not specific	382



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

Baycol	324
Benadryl (Di-Phenhydramine)	399
Benzodiazepines - not specific	381
Benzonatate	325
Biaxin	128
Birth control, not specified	407
Bixion	6
Blood Thinner, not specified	440
Bumetanide	414
BuSpar	176
Butalbital / APAP / Caffiene	326
Buteral	7
Calan Effexor	8
Captopril	9
Carafate	447
Cardizem CD	139
Cardura	144
Carisoprodol	222
Cartia XT	327
Ceftin	185
Cefzil	168
Celebrex	104
Celexa	187
Cephalexin	121
Choleterol med, not specified	438
Cimetidine	279
Cipro	123
Claritin	105
Claritin D 12 HR	275
Claritin D 24 HR	276
Claritin Reditabs	267
Claritin-D	10
Climara	260
Clindamycin	328
Clonapin	408
Clonazepam	170
Clonidine	226
Cocaine	67
Codeine	389
Cold medicine, Not specified	426
Combivent	231
Contuss-XT	265
Cortef	11
Coumadin	12
Cozaar	156
Crack cocaine	68
Cyclobenzaprine	201
Cycrin	254
Cylert	13
Darvocet	16
Daypro	229
Dayquil	415
Deltasone	280
Depakote	149



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

Desogen	228
Detrol	223
Diabet	14
Diabetes, oral medication, Not specified	425
Diazepam	211
Diclofenac Sodium	329
Diflucan	157
Digoxin	330
Dilantin	150
Diltiazem	441
Diovan	15
Diovan HCT	331
Diuretic, Not specified	424
Doxazosin	418
Doxepin	332
Doxycycline	333
Dyazide	281
Dylantin	17
Effexor	282
Effexor XR	189
Elocon	283
Enalapril	449
Endocet	284
Ery-Tab	236
Estrace	239
Estraderm	285
Estradiol	286
Evista	218
Fastin	18
Fexeril	19
Flomax	264
Flonase	143
Flovent	184
Flunitrazepam	377
Flurazepam	378
Folic Acid	262
Fosamax	145
Furosemide	106
Furosemide Oral	287
Gemfibrozil	248
Glaucoma med, not specified	437
Glipizide	288
Glucophage	21
Glucosamine/Chondroitin	432
Glucotrol XL	140
Glyburide	182
Glynase	20
Guaifenesin / Phenylpropanolamine	334
Guaifenesin/PPA	289
Hashish	69
Heroin	70
High Blood Pressure medication, not specified	413
Humalog	419
Humulin 70/30	290



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

Humulin N	291
Humulin R	292
Hydrochlorothiazide	155
Hydrocodone w/ APAP	107
Hydroxyzine	335
Hyoscyamine	336
Hytrin	160
Hyzaar	212
Ibuprofen	273
Ibuprofin	50
Imdur	224
Imitrex	181
Indomethacin	405
Insulin, not specified	406
Isosorbide Mononitrate	244
K-Dur	124
K-Dur-20	293
Klor-Con	242
Lamisil	258
Lanoxin	108
Lasix	294
Laxative	51
Lescol	177
Levaquin	165
Levothroid	253
Levoxyl	109
Lexxel	22
Librium	384
Lipitor	23
Lisinopril	402
Lithium - all types	387
Lo/Ovral	213
Lo/Ovral 28	295
Loestrin-FE 1.5/30	296
Loestrin-FE 1/20	297
Loprazolam	379
Lopressor	401
Loprol	436
Lorabid	298
Lorazepam	162
Lormetazepam	380
Lotensin	146
Lotrel	24
Lotrisone	190
Lovastatin	417
Lysergic Acid Diethylamide (LSD)	71
Macrobid	232
Marijuana	72
Mavik	420
Maxalt	446
Meclizine	337
Medroxyprogesterone	206
Meijer Aspirin free	52
Metformin	416



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

Methadone	397
Methamphetamine	74
Methocarbamol	338
Methylphenidate	339
Methylprednisolone	251
Metoprolol Tartrate	188
Metronidazole	340
Mevacor	25
Miacalcin	219
Miacalcin Nasal	300
Minocycline	341
Mircette	342
Monopril	164
Morphine	75
Motrin	53
Nadolol	422
Naprosyn	26
Naproxen	362
Naproxen Sodium	343
Nardil	383
Nasonex	192
N-desmethylichlordiazepoxide - Librium metabolite	391
Necon	238
Necon 1/35	301
Neomycin/Polymx/HC	227
Neurontin	154
Nexium	400
Nexium	421
Nitrazepam	376
Nitroglycerin	344
Nitrostat	234
No additional physical factors	1
No additional physical factors	65
No additional physical factors	46
Nodoze	54
norchlordiazepoxide - Librium metabolite	392
Nortriptyline	345
Norvasc	27
Not Applicable	80
Not Applicable	62
Not Applicable	43
Opiate, not specified	403
Opium	76
Ortho Tri-Cyclen	129
Ortho-Cept	302
Ortho-Cyclen	217
Ortho-Novum 7/7/7	179
Orudus	28
Other (specify)	81
Other (specify)	63
Other (specify)	44
Oxycodone / Acetaminophen	250
Oxycodone / APAP	346
Oxycontin	241



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

Parlesoc	29
Paxil	110
PCP	423
Penicillin	30
Penicillin VK	277
Pentobarbital/Secobarbital	78
Pepcid	151
Percocet	393
Percodin	394
Perrigo	55
Phenazopyridine	347
Phencyclidine(PCP)	77
Phenergan Supp	246
Phenobarbital	348
Plavix	208
Plendil	240
Potassium Chloride	210
Pravachol	31
Prednisone	125
Prednisone (oral)	349
Premarin	32
Prempro	270
Prevacid	111
Prilosec	112
Prinivil	138
Procardia XL	147
Promethazine / Codeine	350
Promethazine tabs	303
Propacet 100	304
Propoxyphene N/APAP	134
Propranolol	230
Propranolol LA	305
Propulsid	172
Proventil	257
Proventil HFA	351
Provera	306
Prozac	33
Pyridium	396
Rabeprazole	398
Ranitidine	200
Relafen	163
Remeron	352
Retin-A	307
Rezulin	204
Rhinocort	308
Risperdal	166
Rocaltrol	388
Roxicet	207
Serevent	173
Seroquel	442
Serzone	214
Singulair	202
Sinus/Allergy med, Not specified	428
Spironolactone	353



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

Sudafed	56
Sular Prylosac	34
Sulfasalazine	434
Sumycin	309
Synthroid	113
Tamoxifen	247
Tegretol	385
Temazepam	235
Tenorin	35
Terazosin	354
Tetrahydrocannabinol(THC)	79
Theo-Dur	450
Theophylline SR	355
Tiazac	252
Timoptic XE	310
Tinormin	36
Tobradex	256
Topomax	439
Topoxol	37
Toprol - XL	141
Travis D	57
Trazodone	261
Triamcinolone (topical)	357
Triamterene / HCTZ	142
Tricor	435
Tricyclic Antidepressants	386
Tri-Levlen	311
Trimethoprim/Sulfa	127
Trimox	268
Triphasil	171
Tylenol	58
Tylenol PM	59
Tylenol Sinus	429
Tylenol/Codeine	38
Ultram	136
Unknown	82
Unknown	45
Unknown	64
Valtrex	358
Vancenase AQ DS	220
Vasotec	39
Veetids	180
Verapamil SR	169
Viagra	148
Vicks Nyquil	60
Vicodin	404
Vicoprofen	360
Vioxx	205
Vitamins	61
Warfarin	193
Wellbutrin SR	153
Xalatan	167
Xanax	312
Xopenex	443



# Precrash Assessment Form

National Highway Traffic Safety Administration  
U.S. Department of Transportation

National Motor Vehicle  
Crash Causation Survey

Primary Sampling Unit # \_\_\_\_\_

Vehicle Number \_\_\_\_\_

Sample Year/ Case Number 2005 / \_\_\_\_\_

Zaick	40
Zantac	313
Zesterol	42
Zestoretic	216
Zestril	114
Ziac	41
Zithromax	272
Zithromax (Z-Pack)	115
Zithromax Susp	314
Zocor	118
Zoloft	119
Zovirax	448
Zyban	315
Zyprexa	191
Zyrtec	132
Zyrtec Syrup	361